Approved For Release 2002/01/02 : CIA-RDP78B04747A002500050018-1

cy No. 2

CONFIDENTIAL

File
99713 3
RPA.

PROJECT INSPECTOR

Progress Report for December 1964

1. PROGRESS OF WORK

The investigation of methods and capabilities was continued to the point where we feel capable of suggesting hardware which will be feasible, useful, and represent the capabilities of the state-of-the-art. The limitations imposed by lens size and available illumination were thoroughly investigated.

The possibilities of light-pipe techniques, electroluminescent matrices, semiconductor matrices and incandescent lamp sources were investigated. The light-pipe technique looks promising and is being investigated further. The electroluminescent and semiconductor sources have capabilities that are orders of magnitude below the needs of practical hardware. Incandescent sources, in the form of matrices of small lamps, are impractical because of the large quantities of heat emitted.

A visit was made to the Naval Reconnaissance and Technical Support Center in Washington, D. C., to examine and discuss the P.I. and enhancement devices there.

2. PROBLEM AREAS ENCOUNTERED

Nothing additional.

3. PROJECTED WORK FOR THE NEXT PERIOD

A visit to Shaw Air Force Base is planned to view P.I. facilities.

DECLASS REVIEW by NIMA/DOD

This material contains information affecting the national defense of the United States within the meaning of the Espionage Laws, Title 18, U.S.C., Sections 793 and 794, the transmission or the revelation of which in any manner to an unauthorized person is prohibited by law.

GROUP 1
Excluded from automatic downgrading and declassification

Approved For Release 2002/01/02 : CIA-RDP78B04747A002500050018-1

CONFIDENTIAL

E-2261

Approved For Release 2002/01/02 : CIA-RDP78B04747A002500050018-1
CONFIDENTIAL

Tentative outlines for feasible devices and a demonstration of the methods involved will be prepared for a meeting with the contractor's representative.

4. STATUS OF FUND EXPENDITURES TO END OF PERIOD

As of the end of December 1964, [redacted] had been expended, leaving a balance of [redacted] exclusive of fee.

25X1A

25X1A

5. VERBAL COMMITMENTS AND/OR AGREEMENTS

None.

Approved For Release 2002/01/02 : CIA-RDP78B04747A002500050018-1
CONFIDENTIAL

E-2261